

January 14, 2003

RE: Karl Schmidt Unisia, Inc. 003-16893-00064

TO: Interested Parties / Applicant

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision - Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

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(800) 451-6027
www.IN.gov/idem

January 14, 2003

Mr. Tom Tonkel
Karl Schmidt Unisia, Inc.
2425 Coliseum Boulevard South
Fort Wayne, Indiana 46803

Dear Mr. Tonkel:

Re: Exempt Construction and Operation Status,
003-16893-00064

The application from Karl Schmidt Unisia, Inc., received on December 12, 2002, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-1.1-3, it has been determined that the construction and operation of the following equipment, to be located at 2425 Coliseum Boulevard South, Fort Wayne, Indiana, is classified as exempt from air pollution permit requirements:

- (a) one (1) natural gas-fired heat treat oven, with a maximum rated capacity of 1.2 million British thermal units (MMBtu) per hour, exhausting through one (1) stack.

Karl Schmidt Unisia, Inc. has also moved the existing natural gas-fired reverberatory furnace, identified as F20, from the main building to building 24. The maximum capacity of the furnace has not changed, therefore, there is no change in emissions.

The following condition shall be applicable:

- (1) Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
 - (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

This existing source has been issued a FESOP (F003-5869-00064) on December 9, 1996. This source became subject to the Part 70 permit program upon installation of the equipment permitted under Second Significant Permit Revision No. 003-13612-00064, issued on August 20, 2001. The source submitted their Part 70 permit application (T003-15163-00064) on November 15, 2001. The equipment being reviewed under this permit shall be incorporated into Part 70 permit No. T003-15163-00064 upon its issuance. Additionally, IDEM, OAQ, acknowledges that the source name has changed from KUS Zollner Division to Karl Schmidt Unisia, Inc. The new source name will also be reflected in Part 70 permit No. T003-15163-00064 upon its issuance.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Original Signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

TE/EVP

cc: File - Allen County
Allen County Health Department
Air Compliance - Jennifer Dorn
Permit Tracking
Air Programs Section- Michelle Boner
Part 70 Application File - T003-15163-00064

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Heat Treat Oven

Company Name: Karl Schmidt Unisia, Inc.
Address City IN Zip: 2425 Coliseum Boulevard South, Fort Wayne, IN 46803
Exemption No.: 003-16893
Plt ID: 003-00064
Reviewer: Trish Earls/EVP
Date: December 12, 2002

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

1.2

10.5

Pollutant						
Emission Factor in lb/MMCF	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100.0	5.5	84.0
				**see below		
Potential Emission in tons/yr	0.01	0.04	0.00	0.53	0.03	0.44

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 2 for HAPs emissions calculations.

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Heat Treat Oven
HAPs Emissions**

Page 2 of 2 TSD App A

Company Name: Karl Schmidt Unisia, Inc.
Address City IN Zip: 2425 Coliseum Boulevard South, Fort Wayne, IN 46803
Exemption No.: 003-16893
Plt ID: 003-00064
Reviewer: Trish Earls/EVP
Date: December 12, 2002

HAPs - Organics

Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	1.104E-05	6.307E-06	3.942E-04	9.461E-03	1.787E-05

HAPs - Metals

Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03
Potential Emission in tons/yr	2.628E-06	5.782E-06	7.358E-06	1.997E-06	1.104E-05

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.